

*Sub B1*  
--20 (new). DNA encoding and capable of directing the expression of a procoagulant protein having a peptide sequence substantially the same as that of human Factor VIII:C but lacking one or more codons encoding amino acids within the region between Arg-759 and Ser-1709, said amino acid numbering being with reference to Met-1 of the human FVIII:C leader sequence.

--21 (new). DNA of claim 20 wherein the encoded procoagulant protein lacks a region between Pro-1000 and Asp-1582.

*A1*  
--22 (new). DNA of claim 20 wherein the encoded procoagulant protein lacks a region between Thr-778 and Pro-1659.

--23 (new). DNA of claim 20 wherein the encoded procoagulant protein lacks a region between Thr-778 and Glu-1694.

*5*  
--~~24~~ (new). A genetically engineered mammalian host cell containing, and capable of expressing, DNA of claim ~~20~~ <sup>5</sup>.

*6*  
--~~25~~ (new). A genetically engineered mammalian host cell containing, and capable of expressing, DNA of claim ~~21~~ <sup>6</sup>.

*7*  
--~~26~~ (new). A genetically engineered mammalian host cell containing, and capable of expressing, DNA of claim ~~22~~ <sup>7</sup>.

*8*  
--~~27~~ (new). A genetically engineered mammalian host cell containing, and capable of expressing, DNA of claim ~~23~~ <sup>8</sup>.

*Sub B2*  
--28 (new). A method for producing a procoagulant protein having substantially the same peptide sequence of human Factor VIII:C but lacking part or all of the region between Arg-759 and Ser-1709 which comprises producing a genetically engineered mammalian

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